



## International Office

### Everest Biotech Ltd

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08445 - Goat Anti-SENP7 (internal region) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SENP7, SUMO1/sentrin specific peptidase 7, KIAA1707, MGC157730, SUMO1/sentrin specific protease 7, sentrin/SUMO-specific protease, sentrin/SUMO-specific protease 7

**Official Symbol:** SENP7

**Accession Number(s):** NP\_001070671.1; NP\_065705.3; NP\_001269730.1; NP\_001269731.1

**Human GeneID(s):** [57337](#)

**Non-Human GeneID(s):** 66315 (mouse), 288167 (rat)

**Important Comments:** This antibody is expected to recognize reported isoforms NP\_001070671.1; NP\_065705.3; NP\_001269730.1; NP\_001269731.1

### Immunogen

Peptide with sequence C-TRKENNLTEDNPN, from the internal region of the protein sequence according to NP\_001070671.1; NP\_065705.3; NP\_001269730.1; NP\_001269731.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:16000.

**Western blot:** Preliminary experiments gave an approx 90kDa band in Human Brain (Cerebellum) and Thymus lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 112kDa according to NP\_001070671.1 and of 120kDa according to NP\_065705.3. The 90kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Cow, Dog